

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.9/14.3,0.0/1.6File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000144**Date Inspected:** 09-Nov-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Kevin Dye and Sun Bo**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** N/A**Bridge No:** 34-0006**Component:** Charpy V-Notch (CVN) test samples**Bid Item:** 52 (SF)**Lot No:** N/A**Summary of Items Observed:**

Charpy V-Notch Impact (CVN) Tests:

The Caltrans Quality Assurance (QA) representative Roscoe Dixon arrived at Zhenhua Port steel fabrication welding shop of Shanghai, China to periodically monitor Quality Control (QC) functions.

While on site this QA Inspector met with American Bridge/Fluor (ABF) QA Inspector Mr. Kevin Dye and Quality Control (QC) Mr. Sun Bo at the plate yard where this QA inspector Dixon, verified the transfer of traceability information such as of roll direction, heat numbers, grade of material and batch numbers prior to samples being flame cut and sent to the ZPMC testing lab and milled into CVN specimens.

This QA Inspector Dixon visually verified and matched the material heat numbers, which had been stamped into the steel plates during the manufacturing process with the numbers listed on the accompanying Material Test Reports (MTR). The heat numbers listed on the documents provided by Mr. Kevin Dye are as follows: 07303471N0 and 0730337N0.

Mr. Kevin Dye informed this QA Inspector Dixon that the purpose of this CVN testing was necessary because the material with the two above listed heat numbers show problems with the yield strengths and need to be tested at the ZPMC testing laboratory to insure material is in conformance with the contract requirements.

**Summary of Conversations:**

All relevant work related conversations are as noted within the report shown above.

**Comments**

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## SOURCE INSPECTION REPORT

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This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Dixon,Roscoe	Quality Assurance Inspector
<b>Reviewed By:</b>	Cochran,Jim	QA Reviewer

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